

AMENDMENTS TO THE CLAIMS

Please cancel Claims 2 and 5; amend Claims 1 and 4; and add new Claims 8-15 as follows. The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) A front end structure of an automotive vehicle having a front end and a rear end, the front end structure comprising a front end panel integrally formed from a resin and vehicle front end parts including at least a radiator for cooling engine cooling water and a heat exchanger for cooling refrigerant; wherein the front end panel includes horizontally extending beams and is adapted to be fixed to a body of the automotive vehicle, said front end panel being open towards the rear end of the automotive vehicle;

wherein the radiator and the heat exchanger are arranged in series with respect to air flow flowing through the radiator and the heat exchanger, the radiator and the heat exchanger being directly fixed to the front end panel, and;

wherein said front end panel includes an inlet opening for introducing air into an engine compartment and a duct structure for preventing the air introduced from the inlet opening from bypassing the radiator and the heat exchanger, the front end panel being formed to enclose a circumference of the radiator and the heat exchanger, and;

the front end structure further comprising a fan unit fixed directly to the front end panel and arranged upstream of the radiator and the heat exchanger with

respect to the air flow for blowing the air toward the radiator and the heat exchanger; and

the fan unit is inserted into the front end structure from the rear end of the automotive vehicle.

2. (cancelled)

3. (previously amended) A front end structure according to Claim 1, wherein said front end panel is integrally formed with a first air path for leading the air that has passed through said radiator into the engine compartment, and a second air path for leading the air that has passed through said radiator out of the engine compartment.

4. (currently amended) A front end structure of an automotive vehicle having a front end and a rear end, the front end structure comprising a front end panel integrally formed from a resin and vehicle front end parts including at least a radiator for cooling engine cooling water and a heat exchanger for cooling refrigerant; wherein the front end panel includes horizontally extending beams and is adapted to be fixed to a body of the automotive vehicle, said front end panel being open towards the rear end of the automotive vehicle;

wherein the radiator and the heat exchanger are arranged in series with respect to air flow flowing through the radiator and the heat exchanger, the radiator and the heat exchanger being fixed to the front end panel;

~~wherein~~ said front end panel includes an inlet opening for introducing air into the engine compartment, the front end panel being formed to enclose a circumference of the radiator and the heat exchanger, ~~and~~ ;

~~wherein~~ the radiator and the heat exchanger are integrated with each other through a duct structural member for preventing the air introduced from the inlet opening from bypassing the radiator and the heat exchanger, ~~and~~ ;

~~the front end structure further comprising a fan unit fixed directly to the front end panel and arranged upstream of the radiator and the heat exchanger with respect to the air flow for blowing air toward the radiator and the heat exchanger, and the fan unit is inserted into the front end structure from the rear end of the automotive vehicle.~~

5. (cancelled)

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6. (previously amended) A front end structure according to Claim 4, wherein said front end panel is integrally formed with a first air path for leading the air that has passed through said radiator into the engine compartment, and a second air path for leading the air that has passed through said radiator out of the engine compartment.

7. (previously amended) A front end structure according to Claim 1, wherein the front end panel includes a shroud for closing a gap between the fan unit and the heat exchanger to prevent the air blown by the fan unit from bypassing the heat exchanger.

Duct
Front

8. (new) A front end structure according to Claim 1 wherein the duct structure extends further towards the front end of the vehicle than the fan unit.

9. (new) A front end structure according to Claim 1 wherein the front end panel includes stays formed integrally with the front end panel for supporting the fan unit.

10. (new) ~~A front end structure according to Claim 1 wherein a shroud is formed integrally with the front end panel.~~

Duct
Front

11. (new) A front end structure according to Claim 1 wherein the horizontally extending beams include an upper beam disposed on an upper side of the front end panel and a lower beam disposed on a lower side of the front end panel, the front end panel further including a pair of pillars extending vertically between the upper beam and the lower beam.

12. (new) A front end structure according to Claim 4 wherein the duct structure extends further towards the front end of the vehicle than the fan unit.

13. (new) A front end structure according to Claim 4 wherein the front end panel includes stays formed integrally with the front end panel for supporting the fan unit.

14. (new) ~~A front end structure according to Claim 4 wherein a shroud is formed integrally with the front end panel.~~

15. (new) A front end structure according to Claim 4 wherein the horizontally extending beams include an upper beam disposed on an upper side of the front end panel and a lower beam disposed on a lower side of the front end panel, the front end panel further including a pair of pillars extending vertically between the upper beam and the lower beam.